



# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 35] नई दिल्ली, शनिवार, अगस्त 29, 1998 (भाद्रपद 7, 1920)  
No. 35] NEW DELHI, SATURDAY, AUGUST 29, 1998 (BHADRAPADA 7, 1920)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
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Calcutta, the 29th August 1998

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Rest of India.

Telegraphic address "PATENTS"

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पेटेंट कार्यालय

एकल तथा अभिकल

कलकत्ता, दिनांक 29 अगस्त 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मद्रास, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टांकी इस्टेट,  
तीसरा तल, लोअर परले (प.),  
मद्रास-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश  
तथा पश्चिम राज्य क्षेत्र एवं मध्य  
शासित क्षेत्र, देमन तथा दीव एवं  
दादर और नगर हवेली ।

तार पता-“पेटेंटॉफिस”

पेटेंट कार्यालय शाखा,  
एकल से. 401 से 405, तीसरा तल,  
नगरपालिका बाजार भवन,  
सरस्वती मार्ग, करोल बाग,  
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्र एवं मध्य शासित क्षेत्र चंडीगढ़ ।

तार पता-“पेटेंटॉफिस”

पेटेंट कार्यालय शाखा,

विंग सी (सी-4, ए)

तीसरा तल, राजाजी भवन, बसन्त नगर,

सं. 3-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु,  
तथा पाण्डिचेरा राज्य क्षेत्र एवं  
मध्य शासित क्षेत्र, लक्षद्वीप, मिनिक्काय  
तथा तमिलनाडु द्वीप ।

तार पता-“पेटेंटॉफिस”

पेटेंट कार्यालय (प्रधान कार्यालय)  
निजाम पैलेस, द्वितीय बहुतालीय कार्यालय  
भवन, 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कलकत्ता-700 020.

भारत के अवशेष क्षेत्र ।

तार पता - “पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में  
अपीलन सभी आवेदन-पत्र सूचनाएं, विवरण या अन्य प्रलेख पेटेंट  
कार्यालय के केवल उपयोग कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा  
उपयुक्त कार्यालय में निर्गमक को भुगतान योग्य धनादेश अथवा  
ड्राफ्ट आदेश या जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान  
के अनुसूचित बैंक से निर्गमक को भुगतान योग्य बैंक ड्राफ्ट अथवा  
चैक द्वारा की जा सकती है ।

## CORRIGENDUM

In the Gazette of India Part-III, Sec-2, dated the 8th  
February, 1997, (a) In page—212, Col—2 read the appli-  
cation No. 473/Cal/91 filed on 24th June, 1991 instead of  
478/Cal/91.

(b) In page—932, Col—2 read the Application No. 906/  
Cal/92 filed on 21st December, 1992 instead of 903/Cal/  
92.

APPLICATION FOR THE PATENT FILED AT THE  
HEAD OFFICE  
234/4, ACHARYA JAGADISH BOSE ROAD,  
CALCUTTA-20.

The dates shown in the cre ercent brackets are the dates  
claimed under section 135, under Patent Act, 1970.

06-07-1998

1166/Cal/98. PHOENIX TECHNOLOGY CORPORATION  
LIMITED, “Manufacturing system”.

1167/Cal/98. INFECTIMED, INC., “Apparatus for intro-  
ducing an intravenous catheter” (Convention  
No. 60/049 881 on 17-7-97 & 60/055,366 on  
11-8-97 in U.S.A.).

1168/Cal/98. MITSUBA CORPORATION, “Method of  
securing magnets of revolving electric machine”  
(Convention No. 9-211384 on 22-7-97 in Japan).

1169/Cal/98. 1. FUMIO MAEJIMA; 2. TAKASHI  
MAEJIMA, “Burning furnace including vibrator  
and burning furnace including drying chamber”  
(Convention No. 9-255950 on 4-9-97 in Japan).

1170/Cal/98. NOKIA TELECOMMUNICATIONS OY,  
Voice mail server mobile station and method for  
voice mail message transmission”.

1171/Cal/98. MATSUSHITA ELECTRIC INDUSTRIAL  
CO. LTD., “Multi Call communication system  
and adapter for multi-call communication”.

1172/Cal/98. ARZNEIMITTELWERK DRESDEN GMBH,  
“Process for the production of active ingredient  
compositions with controlled release from a  
matrix” (Convention No. 19729487.1 on 10-7-97  
in Germany).

1173/Cal/98. SIEMENS AKTIENGESELLSCHAFT,  
“Method and equipment for rolling a metal strip”  
(Convention No. 19729773.0 on 11-7-97 in Ger-  
many).

1174/Cal/98. TBS ENGINEERING LIMITED., “Methods  
and apparatus for casting lead” (Convention No.  
9715383.7 on 23-7-97 in Great Britain).

- 1175/Cal/98. ADALBERT-KAPS-STIFTUNG, "Process for producing a pulverulent product from a liquid substance or mixture of substances".
- 1176/Cal/98. PPG INDUSTRIES, INC., "Acid EtCH resistant film-forming compositions and composite coating compositions" (Convention No. 60/052330 on 11-7-97 & 09/074920 on 8-5-98 in U.S.A.).
- 1177/Cal/98. PPG INDUSTRIES, INC., "Cationic electro-dipos table coating composition and bath thereof and process for retarding the growth of bacteria for such a bath" (Convention No. 60/052817 on 17-7-97 & on 23-06-98 in U.S.A.).

08-07-1998

- 1178/Cal/98. Thomson Consumer Electronics, Inc., "A system for forming and processing program specific information suitable for terrestrial, cable or satellite broadcast". (Convention No. 60/052,152 on 10-7-97 & 09/057,646 on 9-4-98 in U.S.A.).
- 1179/Cal/98. Thomson Consumer Electronics, Inc., "A system for forming and processing text data for use in program specific information for broadcast". (Convention No. 60/052,152 on 10-7-97 & 09/057,647 on 9-4-98 in U.S.A.).
- 1180/Cal/98. Isover Saint-Gobain, "Phenolic resin for sizing composition, preparation process and sizing composition containing it". (Convention No. FR 97/08936 on 15-7-97 in France).
- 1181/Cal/98. Siemens Aktiengesellschaft, "Handheld mobile telephone". (Convention No. 19730517.2 on 16-7-97 in Germany).
- 1182/Cal/98. MCNEIL PPC Inc., "Simethicone/Anhydrous calcium phosphate compositions". (Convention No. 08/896189 on 17-7-97 in U.S.A.).
- 1183/Cal/98. Eaton Ltd., "Resistor elements".
- 1184/Cal/98. Eaton Corporation, "Electric current switching apparatus with ARC spinning extinguisher". (Convention No. 08/891,970 on 14-7-97 in U.S.A.).
- 1185/Cal/98. American Cyanamid Company, "Method for preparing monomeric calicheamicin derivative/carrier conjugates". (Convention No. 08/475005 on 7-6-95 in U.S.A.). (Divided out of Application No. 1032/Cal/96 antedated to 4-6-96).
- 1186/Cal/98. American Cyanamid Company, "Improved-coated pesticidal matrices and compositions containing them". (Convention No. 08/890,437 on 9-7-97 in U.S.A. and 09/094,279 on 9-6-98 in U.S.A.).
- 1187/Cal/98. American Cyanamid Company, "A process for the preparation of improved coated pesticidal matrices and compositions containing them". (Convention No. 09/094,279 on 9-6-98 in U.S.A. and 08/890,437 on 9-7-97 in U.S.A.).
- 1188/Cal/98. Synthelabo, "6-Pyrrolidin-2-ylpyridines, their preparation and their therapeutic application". (Convention No. 9708706 on 9-7-97 in France).

09-07-1998

- 1189/Cal/98. Siemens Aktiengesellschaft, "Custom-Built medium-voltage switchplant". (Convention No. 19730260.2 on 9-7-97 in Germany).
- 1190/Cal/98. Siemens Energy & Automation, Inc., "Solid state overload relay". (Convention No. 08/891,005 on 10-7-97 in U.S.A.).
- 1191/Cal/98. Siemens Energy & Automation, Inc. Solid state overload relay". (Convention No. 08/891,004 on 10-7-97 in U.S.A.).
- 1192/Cal/98. Yamanouchi Pharmaceutical Co. Ltd., "Novel hexahydro 1,4-diazepine derivatives or their salts". (Convention No. Hci 9-197587 on 23-7-97 in Japan).

- 1193/Cal/98. C.F.C. Technology, Inc. and The Board of Trustees of the University of Alabama, "Apparatus for fluid analysis".

- 1194/Cal/98. PGS Tensor, Inc., "System for automatically detecting seismic events and for detecting and correcting geometry and statics error in seismic data". (Convention No. 08/891,263 on 10-7-97 in U.S.A.).

- 1195/Cal/98. Fimecim S.R.L., "Safety and default valve". (Convention No. C097A000020 on 15th December, 1997 in Italy).

10-07-1998

- 1196/Cal/98. Georg Fischer Rohrleitungs System AG., "A method of welding together articles made of plastic material". (Convention No. 19738100.6 1-9-97 in Germany).

- 1197/Cal/98. Georg Fischer Rohrleitungs System AG., "An apparatus for but welding of articles made of thermoplastic material". (Convention No. 19738088.3 on 1-9-97 in Germany).

- 1198/Cal/98. Hitachi Construction Machinery Co. Ltd., "Hydraulic drive system and directional control valve apparatus in hydraulic machine".

- 1199/Cal/98. 1. Tiddibesh Mukherjee; 2. Ramesh Kumar Pradhan; 3. Navzar Phiroze Dotiwala, "A process of agglomerating steelmaking sludge for use in sintermaking".

- 1200/Cal/98. Gemplus S.C.A., "Protected terminal". (Convention No. 97/08813 on 10-7-97 in France).

- 1201/Cal/98. Washington State University Research Foundation, "Monoterpene synthases from grand fir (Abies Grandis)". (Convention No. 60/052,249 on 11-7-97 in U.S.A.).

- 1202/Cal/98. Waterjet International, Inc., "Apparatus for producing a high-velocity particle stream". (Convention No. 08/891667 on 11-7-97 in U.S.A.).

- 1203/Cal/98. Kvaerner Metals Continuous Casting Limited, "Improvements in and relating to the transportation and discharge of molten materials". (Convention No. 9714523.9 on 10-7-97 in United Kingdom).

- 1204/Cal/98. The University Court of the University of Dundee, "Monolith". (Convention No. 9714553.6 on 10-7-97 in Great Britain).

- 1205/Cal/98. Matsushita Electric Industrial Co. Ltd., "Function generator crystal oscillation device and method of adjusting crystal oscillation device". (Convention No. 9-186297 on 11-7-97 in Japan).

13-07-1998

- 1206/Cal/98. Dr. Tapan Kumar Pal and Dr. Gaudam Kumar Dey, "Detergent grade zeolite from china clay of west bengal".

- 1207/Cal/98. Dr. Subid Ray, "Method for preparing antacid composition".

- 1208/Cal/98. Emerson Electric Co., "Dead blow hammer with claw". (Convention No. 60/053305 on 21-7-97 & 09/005199 on 9-1-98 in U.S.A.).

- 1209/Cal/98. The University of British Columbia, "Concrete reinforcing fiber". (Convention No. 08/920,352 on 25-7-97 in U.S.A.).

- 1210/Cal/98. 1. Ishikawajima-Harima Heavy Industries Co. Ltd., and 2. Hiroharu Kato, "Ship having skin-friction reducing arrangements". (Convention No. 9-208097 on 1-8-97 & 9-320059 on 20-11-97 in Japan).

- 1211/Cal/98. Siemens Aktiengesellschaft, "Semiconductor memory with non-volatile double transistor memory cells". (Convention No. 19730116.2 on 14-7-97 in Germany).

- 1212/Cal/98. Siemens Aktiengesellschaft, "Micromechanical electrostatic relay, and a method for its production". (Convention No. 19736674.0 on 22-8-97 in Germany).
- 1213/Cal/98. Hitachi, Ltd., "Exhaust gas cleaning apparatus and method for internal combustion engine". (Convention No. 9-192158 on 17-7-97 & 9-239269 on 4-9-97 in Japan).
- 14-07-1998
- 1214/Cal/98. Dr. Subid Ray, "Method for preparing a medicinal composition".
- 1215/Cal/98. Isover Saint-Gobain, "Glass furnace and installation comprising the furnace". (Convention No. FR 9709302 on 22-7-97 & FR 9806323 on 19-5-98 in France).
- 1216/Cal/98. ABB Power T&D Co. Inc., "Colloidal insulating and cooling fluid". (Convention No. 08/892,054 on 14-7-97 in U.S.A.)
- 1217/Cal/98. Imitec Gesellschaft Fur Emissions Technologie MBH, "Catalyst made of base metal for a small engine". (Convention No. 19736628.7 on 22-8-97 in Germany).
- 1218/Cal/98 Metallgesellschaft Aktiengesellschaft, "Process of melting granular, directly reduced iron in an electric ARC furnace". (Convention No. 19744151.3 on 7-10-97 in Germany).
- 1219/Cal/98. Intevp S.A., "Multiple emulsion and method for preparing same". (Convention No. 08 845793 on 17-7-97 in U.S.A.).
- 1220/Cal/98. Comsat Corporation, "Apparatus for minimization of delay variance in satellite/wireless network via time divided transmissions". (Convention No. 60/052539 on 15-7-97 in U.S.A.).
- 1221/Cal/98. 1. Andrew John Harris and 2. Albert Edward John Evans, "A method of producing an expanded foamed material and components and apparatus for use in such a method".
- 1222/Cal/98. Comsat Corporation, "Apparatus for the adaptive control of forward error correction codes for transmission over communication channels". (Convention No. 60/052,539 on 15-7-97 in U.S.A.).
- 1223/Cal/98. Interhealth Nutraceuticals Incorporated, "Method for manufacturing hydroxyacetic acid compositions and dietary supplements and food products containing such compositions". (Convention No. 08/892,414 on 14-7-97 in U.S.A.).
- 1224/Cal/98. Intel Corporation, "A master-slave delay locked loop for accurate delay of non periodic signals". (Convention No. 08/892581 on 14-7-97 in U.S.A.)

APPLICATIONS FOR PATENTS FILED AT  
THE PATENT OFFICE BRANCH,  
WING 'C' (C-4 'A'), THIRD FLOOR,  
RAJAJI BHAVAN, BESANT NAGAR,  
CHENNAI-600 090

The 24th November 1997

- 2675/Mas/97. Vadakka Kuttickal Joseph Varkey, "Electronically controlled safety suit case".
- 2676/Mas/97. Dr. Jose Thaikattil, "A safety locking device for an appliance".
- 2677/Mas/97. Dr. Jose Thaikattil, "A pressure cooker".
- 2678/Mas/97. SMS Schloemann-Siemag Aktiengesellschaft, "Hot rolling mill". (November 28, 1996).
- 2679/Mas/97. Mitsubishi Denki Kabushiki Kaisha, "Flow rate controlling device for internal combustion engine".

- 2680/Mas/97. Mitsubishi Denki Kabushiki Kaisha, "Fuel controlling device for internal combustion engine".
- 2681/Mas/97. (1) Shuji Kawasaki; (2) Akitaka Matsushita and (3) BBF Yamate Corporation, "Wet type buffing method, deposition plating method, work buffing method, work buffing apparatus, barrel buffing apparatus, work surface treating method, work supporting unit for barrel buffing apparatus and buffing medium". (November 27, 1996; Japan).
- 2682/Mas/97. Haldor Topsoe A/S, "HOAC Process III". (November 29, 1996; Denmark).
- 2683/Mas/97. Barmag AG, "Spooling frame". (November 27, 1996; Germany).
- 2684/Mas/97. MAN Gutehoffnungshutte Aktiengesellschaft, "Synthesis gas heat exchanger unit". (November 29, 1996; Germany).
- 2685/Mas/97. YKK Corporation, "Separable slide fastener". (November 29, 1996; Japan).
- 2686/Mas/97. Nokia Telecommunications OY, "Using two sim cards with same msisdn number". (November 27, 1996; Finland).
- 2687/Mas/97. Canon Kabushiki Kaisha, "Anodizing apparatus and method associated with the same". (November 28, 1996; Japan).
- 2688/Mas/97. Kimberly-Clark Worldwide Inc, "Production of soft paper products from coarse cellulosic fibres". (November 25, 1996; U.S.A.).
- 2689/Mas/97. Toyo Denso Kabushiki Kaisha, "Wiring structure in motorcycle".
- 2690/Mas/97. Toyo Denso Kabushiki Kaisha, "Switch mounting structure".

The 25th November 1997

- 2691/Mas/97. R. Samuel Ramesh, "Generation of electric power through a mechanical system which compresses air to drive the turbine by using gravitational force".
- 2692/Mas/97. Add Value Holdings Pte. Ltd, "Signal processing apparatus". (November 26, 1996; Singapore).
- 2693/Mas/97. Nokia Telecommunications OY, "Network operator controlled usage of long distance carriers". (December 3, 1996; U.S.A.).
- 2694/Mas/97. Barmag AG, "Method and apparatus for spinning and winding filaments". (December 2, 1996; Germany).
- 2695/Mas/97. Notary Limited, "Apparatus for separating particles from a fluid flow". (November 29, 1996; United Kingdom).
- 2696/Mas/97. Robert Bosch GMBH, "Circuit arrangement for the interference free evaluation of signals".
- 2697/Mas/97. F. Hoffmann-La Roche AG, "4-hydroxypyridine derivatives". (December 3, 1996; Europe).
- 2698/Mas/97. Akzo Nobel N. V., "Antistatic peroxide composition". (January 8, 1997; Netherlands).
- 2699/Mas/97. Textilma AG, "Device for controlling the transverse movement of at least one thread of a textile machine". (December 3, 1996; Germany).
- 2700/Mas/97. Monsanto Company, "Lubricious self-standing (intact) gel for oral delivery of biologically-active ingredients". (November 29, 1996; U.S.A.).
- 2701/Mas/97. Saint-Gobain Industrial Ceramics, Inc, "Silicon carbide reinforced silicon carbide composite". (December 2, 1996; U.S.A.).

2702/Mas/97. Mobil Oil Corporation. Dispersant and dispersant-viscosity index improvers from selectively hydrogenated polymers.

2703/Mas/97. International Business Machine Corporation. Web-based administration of IP tunneling on internet firewalls. (December 23, 1996; U.S.A.).

The 26th November 1997

2704/Mas/97. Hoechst Aktiengesellschaft. 3-hydroxy-pyridine-2-carboxamidoesters, their preparation and their use as pharmaceuticals. (December 4, 1996; Germany).

2705/Mas/97. BASF Aktiengesellschaft. Photoinitiator mixtures comprising acylphosphine oxides and benzophenone derivatives. (December 5, 1996; Germany).

2706/Mas/97. Novo Nordisk A/S. Use of carbohydrate-binding domain in starch processing.

2707/Mas/97. Fourmier Industrie ET Saite. Novel N-benzyloxy-L-proline compounds, process of preparation and use in therapeutics. (December 4, 1996; France).

2708/Mas/97. British Telecommunications Public Limited Company. Communications System. (November 26, 1996; Great Britain).

2709/Mas/97. Analogic Corporation. Improved method and apparatus for helical computed tomography scanning with asymmetric detector system. (November 27, 1996; U. S. A.).

2710/Mas/97. Honda Giken Kogyo Kabushikki Kaisha. Method of forming production plan for parts factory. (November 27, 1996; Japan).

2711/Mas/97. F. Hoffmann-La Roche AG. Obese mutants. (December 6, 1996; Europe).

2712/Mas/97. Petrole Brasileiro S.A.—Petrobras. System for draining a liquid storage tank. (November 26, 1996; Brazil).

2713/Mas/97. OY Ensto-Ceramics AB. Filter. (December 11, 1997; Finland).

2714/Mas/97. Novo Nordisk A/S. Pharmaceutical Formulation. (November 28, 1996; Denmark).

2715/Mas/97. Novus International, Inc. Nutrient formulation and process for enhancing the health, livability, cumulative weight gain or feed efficiency in poultry and other animals. (December 6, 1996; U.S.A.).

2716/Mas/97. Institut Français Du Pétrole. Process for improving the pour point of paraffinic feeds using a catalyst based on NU86 zeolite. (November 27, 1996; France).

2717/Mas/97. Kimberly-Clark Worldwide Inc. Improved substrate and colovant stabilizers (November 27, 1996; U.S.A.).

2718/Mas/97. Technology Finance Corporation (Proprietary) Limited. Dielectric heating device.

The 27th November 1997

2719/Mas/97. Thomas L. Aflani. Device and method using dielectrokinetics to locate entities. (November 27, 1996; U.S.A.).

2720/Mas/97. Using Savgie and Usinor. Feed reservoir intended for retaining a molten metal, and in particular a steel. (December 11, 1996; France).

2721/Mas/97. Mecugis Process for manufacturing a magnetic component made of an iron-based soft magnetic alloy having a nanocrystalline structure. (December 11, 1996; France).

2722/Mas/97. REPO, Jouni Tapio. Self-supporting log-like building component. (November 27, 1996; Finland).

2723/Mas/97. Akzo Nobel NV. Method of preparing a monoclonal antibody, monoclonal antibody, a pharmaceutical composition and a diagnostic reagent.

2724/Mas/97. Toshiharu Tom Miyano. Automated machine tool including a plurality of processing units. (December 5, 1996; U.S.A.).

2725/Mas/97. Herding-GmbH. Entstaubungsanlagen. A filter element and a method for producing the same.

2726/Mas/97. Herding-GmbH. Entstaubungsanlagen. A filter element and a method for producing the same.

2727/Mas/97. The Clorox Company and BASF Aktiengesellschaft. N-alkyl ammonium acetone salts, methods thereof and compositions therewith. (November 29, 1996; U.S.A.).

2728/Mas/97. The Clorox Company and BASF Aktiengesellschaft. Granular N-alkyl ammonium acetone compositions. (November 29, 1996; U.S.A.).

2729/Mas/97. The Clorox Company and BASF Aktiengesellschaft. Process for preparing N-alkyl ammonium acetone compounds. (November 29, 1996; U.S.A.).

2730/Mas/97. The Clorox Co. Mixed peroxide activator compositions. (November 29, 1996; U.S.A.).

2731/Mas/97. The Clorox Company. Liquid compositions containing N-alkyl ammonium acetone salts. (November 29, 1996; U.S.A.).

2732/Mas/97. Allied Colloids Limited and AB CDM. Production of paper and paper board. (November 28, 1996; Britain).

2733/Mas/97. Dipl.-Ing. Infinitely variable ring gear pump. (December 4, 1996; Germany).

2734/Mas/97. F. Hoffmann-La Roche AG. Vinyl pyrrolidone cephalosporins with basic substituents. (December 19, 1996; Europe).

2735/Mas/97. S. N. Bhalla. Mobile rice planting machine.

The 28th November 1997

2736/Mas/97. British Telecommunications Public Limited Company. Interactive apparatus. (November 28, 1996; United Kingdom).

2737/Mas/97. Asea Brown Boveri AG. Condenser for binary/polynary condensation. (December 20, 1996; Germany).

2738/Mas/97. Asea Brown Boveri AG. Method for the production of a MOS-controlled power semiconductor component. (December 23, 1996; Germany).

2739/Mas/97. Unix Co. Ltd. Press device.

2740/Mas/97. Hoechst Aktiengesellschaft. Sulfonamide-substituted compounds, processes for their preparation, their use as a medicament or diagnostic, and pharmaceutical preparations comprising them. (December 16, 1996; Germany).

2741/Mas/97. Hoechst Sechering AgrEvo GmbH. Novel genes coding for amino acid deacetylase with specificity for N-acetyl-L-phosphotriecin, their isolation and use. (December 16, 1996; Germany).

2742/Mas/97. Shimano Inc. Brake adjusting device. (December 23, 1996; United States of America).

2743/Mas/97. ABB Carbon AB. Barrier air system. (December 12, 1996; Sweden).

2744/Mas/97. Globalstar L P. Satellite controlled power control for personal communication user terminals.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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## स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित व्यवध्य उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अन्तर्गत हैं।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियाँ यदि कोई हों, के साथ विनिर्देशों का अंशित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिस उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl. : 201 D

181571

Int. Cl. : C 02 F 3/02 3/12

METHOD AND APPARATUS FOR PURIFICATION OF WASTE WATER BY BIOLOGICAL ACTIVATION.

Applicant : 1. SVATOPLUK MACKRLE OF PAVLIKOVA 560200 BRNO CZECH REPUBLIC., AND 2. VLADIMIR MACKRLE OF 1. MAJE 1290014 TOMASOV SLOVAK REPUBLIC.

Inventors :

- (1) SVATOPLUK MACKRLE
- (2) VLADIMIR MACKRLE.

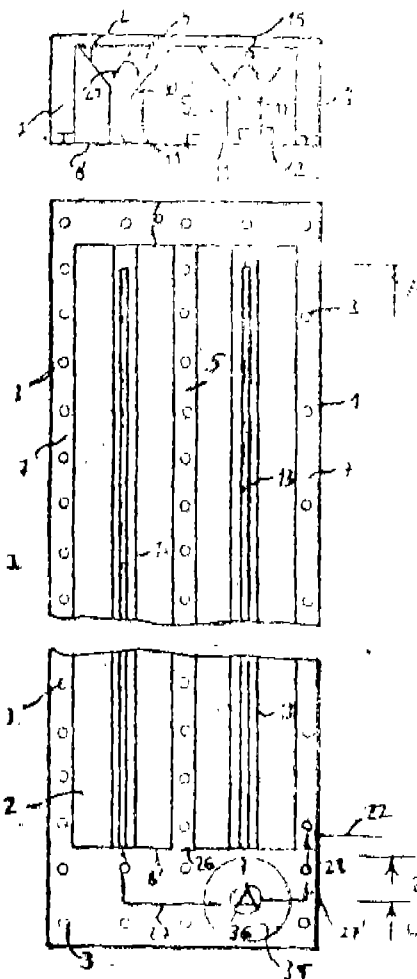
Application No. 599/Cu1/1994 filed on 26th July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

29 Claims

Method for the purification of waste water by biological activation during which nitrification occurs, characterised in that :

- (a) activation mixture formed in a fluidised bed filter in step (d) is circulated in a circulation circuit with a plug flow character;
- (b) raw waste water is mixed with the activation mixture in the circulation circuit to cause lack of oxygen at the surfaces of the activated sludge formed thereby starting a denitrification process;
- (c) the activation mixture is aerated with simultaneous suspension of the activated sludge in the circulation circuit until gradual oxygen saturation results in the commencement of a nitrification process, nitrates formed during nitrification process returning to the activation mixture in the circulation circuit during said denitrification process; and
- (d) the purified water with activated sludge from step (C) is passed through said fluidised bed filter to separate the purified water from the activated sludge forming said activation mixture.



(Compl. Specn. 60 Pages)

Drgns. 6 Sheets)

Cl. : 55 E

181672

Int. Cl. : A 61 K 37/43

A PROCESS FOR PREPARING A PHARMACEUTICAL COMPOSITION CONTAINING AMYLIN AGONIST FOR TREATMENT OF TYPE II DIABETES MELLITUS

Applicant : AMYLIN PHARMACEUTICALS INC., OF 9373 TOWNE CENTRE DRIVE SAN DIEGO, CALIFORNIA 92121 U.S.A.

Inventors :

- (1) ORVILLE G. KOLTERMAN
- (2) ROBERT G. THOMPSON
- (3) JOHN F. MULLANE.

Application No. 10537/Cal/96 filed on 7th June, 1996

(Convention No. 08/483, 188 on 7-6-95 in US).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

## 8 Claims

A process for preparing a pharmaceutical composition for treating a non insulin taking type II diabetic subject having an H<sub>1</sub>A<sub>1c</sub> level of about 8% or above comprises mixing a therapeutically effective amount of an amylin agonist as herein described with pharmaceutically acceptable auxiliary substances and pharmaceutical carrier.

(Compl. Specn. 41 Pages;

Drgns. 1 Sheet)

Cl. : 55 E 4

181673

Int. Cl. : A 61 K 35/60, C 11 B 1/10.

PROCESS FOR THE EXTRACTION OF NON-TOXIC OIL, HAVING HIGH EICOSAPENTAENOIC ACID AND DOCOSAHEXAENOIC ACID CONTENT, FROM THE LIVER OF MARINE NON-EDIBLE FISHES.

Applicant & Inventors : 1. DR. BISWAPATI MUKHERJEE; 2. DR. ALOK KUMAR HAZRA AND 3. SHRI SOMIRANJAN GHOSH, OF DEPARTMENT OF PHARMACOLOGY, DR. B. C. ROY POSTGRADUATE INSTITUTE OF BASIC MEDICAL SCIENCES 244B, ACHARYA J. C. BOSE ROAD CALCUTTA-20.

Application No. 1371/Cal/1997 filed on 23rd July, 1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

## 9 Claims

Process for the extraction of non-toxic oil from marine non-edible fish liver tissues having high eicosapentaenoic acid and docosahexaenoic acid content comprises of the steps :

- (i) Mincing the fresh liver tissues (oil content > 30%, wet wt./wt.) of marine non-edible fishes (100 parts by wet weight), in an omnimixer; (ii) blending the same content as in step (i) with anhydrous Sodium Sulphate (20-50 part by weight); (iii) centrifuging the slurry obtained in step (ii) at 4000-10000 rpm. with a time duration 20-40 minutes; (iv) collecting the oil obtained from step (iii) quickly by filtration through a bed of the said anhydrous inorganic salt over glass wool; (v) performing the filtration in step (iv) in inert atmosphere to obtain the desired product.

(Compl. Specn. 9 Pages;

Drgns. Nil)

Cl. : 127 I

181674

Int. Cl. : B 23 B 31/00.

"A DEVICE FOR CONNECTING A WORKPIECE TO A MACHINING APPARATUS."

Applicant : BROWA AG, OF WINKELSTRASSE 8, CH-5734 REINACH, SWITZERLAND.

Inventor : RUDOLF SCHNEIDER.

Application No. : 156/Cal/1995 filed on 15th February, 1995.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

## 21 Claims

A device for connecting a workpiece to a machining apparatus, comprising a first coupling member (1; 25; 25a) and a second coupling member (3; 27) coaxially arranged to each other, and a driving member (6; 28) connected to said second coupling member (3; 27) which is rigid in peripheral direction, characterised in that the first coupling member (1; 25; 25a) is provided with at least two driving pins (7; 8; 31; 31a; 31b) protruding from the coupling surface (9), the outer surface of the driving pins (7; 8; 31; 31a; 31b) being at least partially conically shaped; and the driving member (6; 28) is an axially resilient disc, which is torsionally fixed to the second coupling member (3; 27) or integral with the second coupling member and provided with apertures (19; 20; 33) correspondingly arranged to said driving pin (7, 8; 31, 31a; 31b) the edges of said apertures (19, 20; 33) at least partially encompassing the conical outer surfaces of the driving pins (7, 8; 31, 31a; 31b) such that said resilient disc (6; 28) is partially resiliently deformed in axial direction on upon mounting said second coupling member (3; 27) on said first coupling member (1; 25; 25a).

Compl. specn. : 20 pages

Drgns. : 6 sheets.

Cl. : 201 D

181675

Int. Cl. : B 03 D 3/06.

"BEADS OF POLYMERIC OR PLASTIC MATERIAL, SUITABLE FOR IN LIQUID PURIFICATION BED".

Applicant : WHEELABRATOR ENGINEERED SYSTEMS, INC., OF 1950 OLD HIGHWAY 8, NEW BRIGHTON, MINNESOTA 55112 UNITED STATES OF AMERICA.

Inventor : KURT MICHEAL GEISER.

Application No. : 410/Cal/1994 filed on 31st May, 1994.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

## 24 Claims

A bead of polymeric or plastic material, such as herein described, which is suitable for use in a liquid purification bed, said bead being disc-shaped, having an upper surface with generally elliptical perimeter, a lower surface with a generally elliptical perimeter, and an annular edge surface that extends between the perimeters of the upper and lower surface; and said bead also having a diameter of 3 to 6 mm; and a thickness, as measured between the most closely

spaced parallel planes between which the bead will fit, of 1.2 to 2.5mm; at least one of the said upper and lower surfaces defining at least one groove.

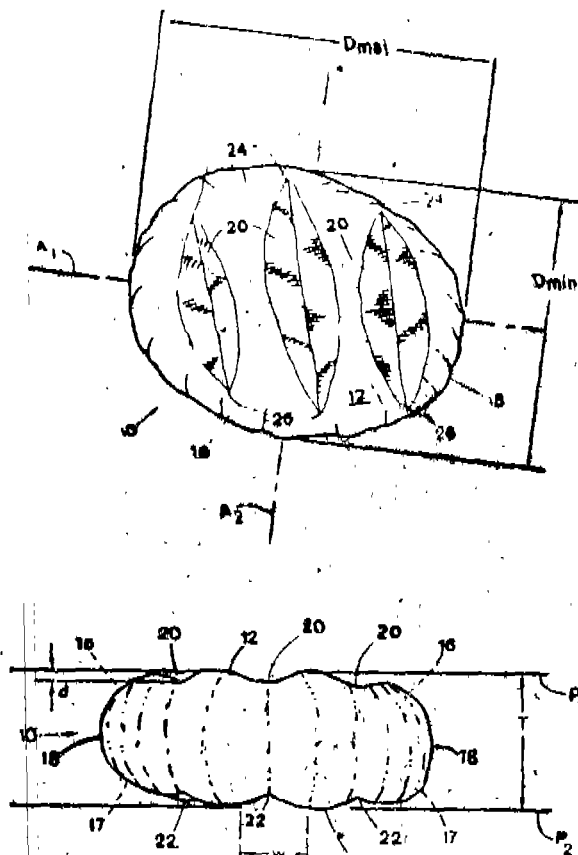


FIG. 2

Compl. specn. : 13 pages

Drgns. : 3 sheets.

Cl. : 179 F

181676

Int. Cl. : B 67 C 7/00.

"DEVICE FOR STERILE FILLING OF CONTAINERS".

Applicant & Inventor : BERND HANSEN, OF HUER-STRASSE 16, D-74429 SULZBACH-LAUFEN, GERMANY.

Application No. 207/Cal/1995 filed on 28th February, 1995.

(Convention No. P4409617.8 on 21-3-94 in Germany).

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

#### 1) Claims

A device for sterile filling of containers such as herein described comprising :

a pressure resistant, sterile filling chamber housing having connection means for feeding and discharging cleaning fluid, vapor and sterile air into and from said housing, said housing having a floor coupled thereto;

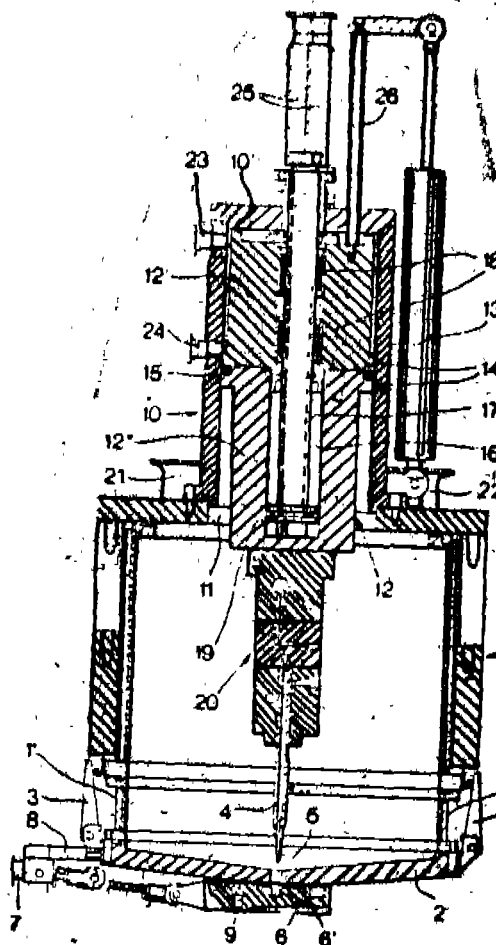
at least one retaining block having a first filling tap and being slidable in a longitudinal direction of said filling tap along a guide path in said housing;

a first opening in said floor of said housing aligned with said first filling tap, said first filling tap being movable through said first opening;

at least one opening one movable shutter for releasably sealing said first opening closed mounted exteriorly of said floor;

apportioning means coupled to said first filling tap, for dosing volumes of fluid for distribution through said first filling tap and into containers and

a retaining block drive means, coupled to said apportioning means, for driving said retaining block.



Compl. specn. : 14 pages

Drgns. : 3 sheets.

Cl. : 206 B

181677

Int. Cl. : H 04 N 07/173.

"A NETWORK CONTROLLER".

Applicant : DISCOVERY COMMUNICATIONS, INC., OF 7700 WISCONSIN AVENUE, BETHESDA, MONTGOMERY COUNTY, MARYLAND 20814-3522, UNITED STATES OF AMERICA.

Inventors : JOHN SOMUEL HENDRICKS, ALFRED EUGENE BONNER.

Application No. : 763/Cal/1993 filed on 7th December, 1993.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.



## 5 Claims

A network controller (214) for remotely monitoring a plurality of set top terminals (220) in a cable television system (236), the said network controller (214) co-located with interface (211), signal processor (209) and a cable headend receiver (203) at the cable headend (208) wherein the said network controller (214) comprising

an interface (211) for receiving a program control information signal from digital signal processing equipment (209) and the program control information signal is received by the digital signal processing equipment (209) from a remotely located source (204);

a database (226) for storing network control data, wherein the stored network control data comprises data on television programs;

a network controller CPU (224) for generating a control information stream using the received program control information signal and the network control data, wherein the received program information signal carries data on packaged programs or menu content and whereby information fields of the control information stream are created by modifying the data on packaged programs or menu contents based on the stored network control data so that the created information fields contain data on modified packages of programs or modified menu content, comprising program category and menu assignment information;

a control receiver (228) for receiving set top terminal status reports, wherein the control receiver (228) demodulates the received set top terminal status reports, and wherein the received set top terminal status reports provide the set top terminals (220) with an upstream data transmission capability and wherein the contents of the received set top terminal status reports comprise programs watched data and are stored in the database (226) for use by the generating means (224) in generating the control information stream;

a telephone modem (232) for receiving data transmissions from the set top terminals (220) over telephone lines; and

a temporary memory means (230) for accumulating the stored information fields for each set top terminal (220), wherein the accumulated sorted information fields produce the polling response data.

Cl. : 164 C

181678

Int. Cl. : C 02 F 3/12.

## "REACTOR FOR BIOLOGICAL SEWAGE PURIFICATION"

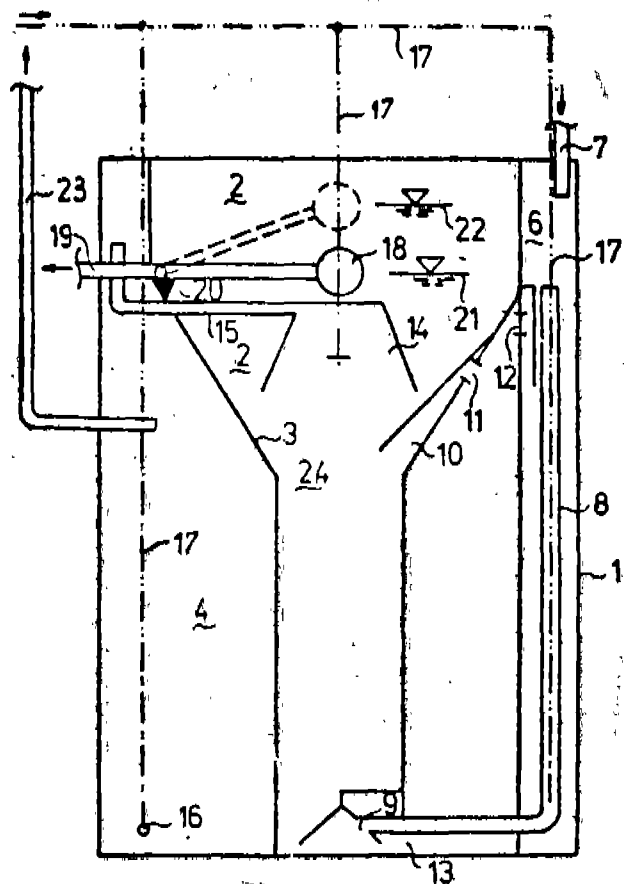
Applicant & Inventors : (1) SVATOPLUK MACKRLE, OF PAVLIKOVA 5 602 00 BRNO, CZECH REPUBLIC and (2) VLADIMIR MACKRLE, OF 1. MAJE 12 900 44 TOMASOV SLOVAK REPUBLIC.

Application No. 598/Cal/94 filed on 26th July, 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972). Patent Office Calcutta.

## 29 Claims

Reactor for biological sewage purification containing an activation space and an upwards funnel shape separation space for fluidized bed filtration in the tank, characterized in that a circulation circuit between the activation space (4) and separation space (2) is created in the reactor, wherein the separation space (2) is connected with the activation space (4) through at least one passage (13, 32) formed in the partition wall (3) of the separation space (2) and a suction inlet (9) of a recirculation set (8) is arranged at the bottom of the separation space (2), the outlet of the recirculation set (8) mounting in the activation space (4).



Cl. : 143 C

181679

Int. Cl. : B 65 D 63/02, F 16 L 33/00

**SPEAK-PROOF SELF TIGHTENING CLAMP STRUCTURE FOR CLAMPING OF HOSE.**

Applicant : HANS OETIKER AG MASCHINEN UND APPARATEFABRIK, OF OBERDORFSTRASSE 21, CH-8812 HORGEN, SWITZERLAND

Inventor : HANS OETIKER.

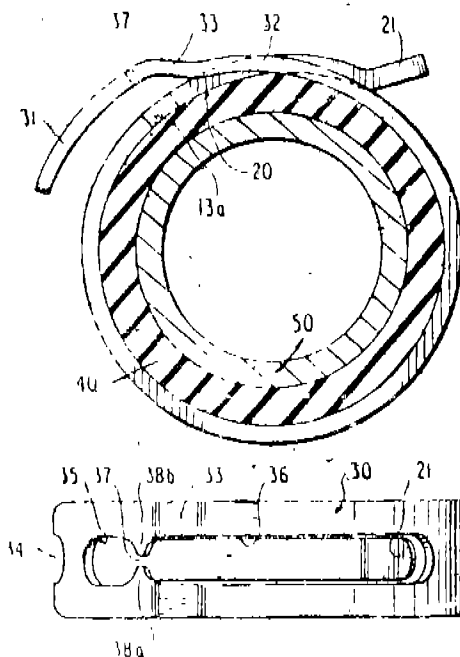
Application No. 949/Cal/94 filed on 14th November, 1994.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) Patent Office Calcutta.

## 12 Claims

A spark proof self tightening clamp structure (10) for clamping of hose having a first released position in which the clamp structure exerting a clamping action and a second position in which the clamp structure being adapted to be latchingly held against the inherent tightening forces, comprising clamping band means (11) having a tongue like extension (20) at one end thereof, a bent up end portion (21), a second slot like opening (36) in said clamping band means through which said tongue like extension (20) is adapted to slide, latching means in the other end portion (30) consisting of a notch (34) and a first slot like opening (35) for releasing said tongue like extension (20) from said second opening (36) position into said first opening (35) position.

FIG. 4



(Compl. Specn. 15 Pages;

Drgns. 1 Sheet)

Cl. : 61 D H

181680

Int. Cl. : H 01 B 7/28, 13/32

**A COMPOSITION FOR PROTECTING THE CONTENTS OF AN ENCLOSED SPACE FROM DAMAGE CAUSED BY THE PRESENCE OF WATER.**

Applicant &amp; Inventor : CLARENCE SEXTON FREEMAN, OF 16242 KATHERIN LANE, CHANNELVIEW, TEXAS 77530, UNITED STATES OF AMERICA.

Application No. 1197/Cal/96 filed on 28th June, 1996,

(Divided out of Appln. No. 513/Cal/94 antdated to 29-6-94).

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Calcutta.

## 8 Claims

A composition for protecting the contents of an enclosed space from damage caused by the presence of water, comprising :

a fluid which is a hydrophobic substance;

a thickening agent for said fluid selected from the group consisting of pyrogenic silica, metal stearates and ureas for forming a gel matrix; and

a water absorbent polymer dispersed in said gel matrix, said polymer having anionic groups attached to the polymeric backbone thereof, such as herein described, the gel matrix being in the concentration range of 40% to 95% by weight of the composition, and said polymer being in the concentration range of 5% to 33.3% by weight of the composition.

(Compl. Specn. 32 Pages;

Drgns. 2 Sheets)

Ind. Cl. : 27C, I, L, M

181681

Int. Cl. : E 04 B - 1/00, 1/348; Eow 2152

## A BUILDING ELEMENT.

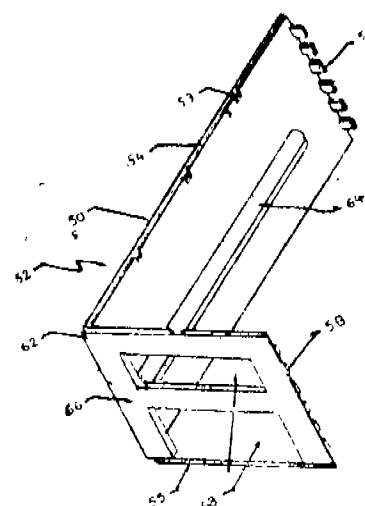
Applicants : STEVEN ALAN WOLFOWITZ, 106 TERRACE ROAD, SEBENZA, EDENVALE, JOHANNESBURG, SOUTH AFRICA.

Application No. 240/Bom/94 filed on 24th May, 1994.

Appropriate office for opposition proceedings (Rule 4, patents rules 1972), Patent Office Branch, Mumbai-13.

## 14 Claims

A building element comprising a topless and bottomless box, formed of two halves about the vertical diagonal thereof, the halves including interengaging means, the periphery of the top or bottom having channel formation adapted to receive the periphery of an adjacent element in stacking relationship, the said building elements on assembling adapted for filling with cement concrete or mud or the like after locating therein to service pipes and reinforcement rods.



(Compl. Specn. 12 Pages;

Drgns. 5 Sheets)

Ind. Cl. : 32 F<sub>3</sub> (a)

181682

Int. Cl. : C 25 B - 03/02

**A PROCESS FOR THE PREPARATION OF 3, 4-METHYLENEDIOXY BENZALDEHYDE.**

Applicants : CAMPHOR AND ALLIED PRODUCTS LIMITED, 3, INDUSTRIAL AREA, NANDESAL 391 340, GUJARAT, INDIA.

Inventors :

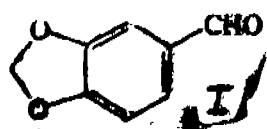
- (1) DR. JAYASHREE JOSHI
- (2) DR. BALWANT S. PANDE
- (3) DR. RAGHAVAN SOMAN.

Application No. 269/Bom/94 filed on June 13, 1994.

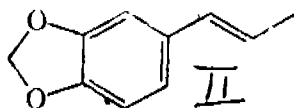
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-13.

## 6 Claims

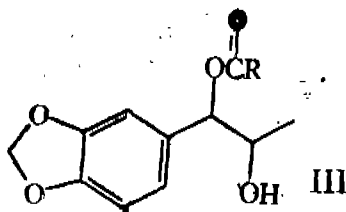
A process for the preparation of 3, 4-methylenedioxy benzaldehyde of structural formula I



which comprises : (step a) : Oxidation of isosafrole of structural formula II



with peroxyalkanoic acid such as herein described, in the presence of a solvent such as benzene, toluene chloroform methylene chloride or dichloromethane to give the corresponding monoester of structural formula III



and, (step b) : Cleavage of this monoester with an alkali metal or alkaline-earth metal hypochlorite such as herein described, in the presence of a phase transfer catalyst such as herein described to finally give 3, 4-methylenedioxybenzaldehyde.

(Compl. Specn. 6 Pages;

Drgs. 1 Sheet)

Ind. Cl. : B 65 B - 9/00, 9/08

181683

Int. Cl. : 143 D; + D;

**APPARATUS FOR DISPENSING DOSES OF FLOWABLE MATERIAL INTO A TUBULAR WEB.**

Applicants : HINDUSTAN LEVER LTD., HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors :

- (1) KEVIN RICHARD FINCHAM
- (2) DAVID ROBERT SEAWARD
- (3) GRAHAM LEONARD SHIRLEY
- (4) GEOFFREY WILLIAM VERNON.

Application No. 308/Bom/94 filed on 1-7-1994.

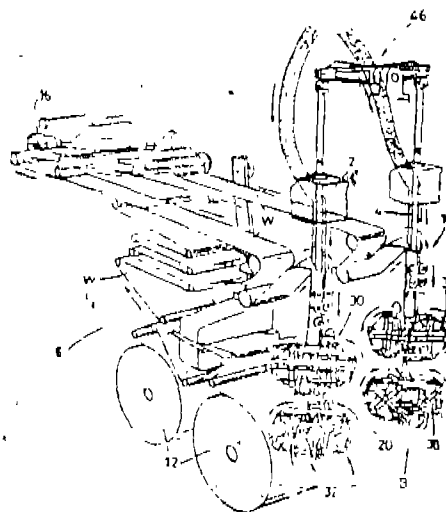
Appropriate office for opposition proceedings (Rule 4, patents rules 1972), Patent Office Branch, Mumgal-13.

## 11 Claims

Apparatus for dispensing doses of a flowable material into a tubular web of packaging material, comprising :

- (i) an elongate conduit through which said material is to be supplied,
- (ii) a traction arrangement drawing the packaging material web along the exterior of the conduit and past an outlet end thereof, and for forming said web into a closed tube around the conduit,
- (iii) a valve device extending adjacent said outlet end of the conduit and comprising a valve body fitting slidably a bore in said outlet end,
- (iv) the valve body being reciprocable longitudinally of the conduit adjacent said outlet end to eject the flowable material in discrete doses through said outlet end,

whereby to dispense doses of said material into the tubular web.



(Compl. Specn. 22 Pages;

Drgs. 5 Sheets)

Ind. Cl. : 63 F

181684

Int. Cl. : H 02 N - 11/00

**HIGH EFFICIENCY MACHINE TO GENERATE LOW DC VOLTAGE AND HIGH CURRENT.**

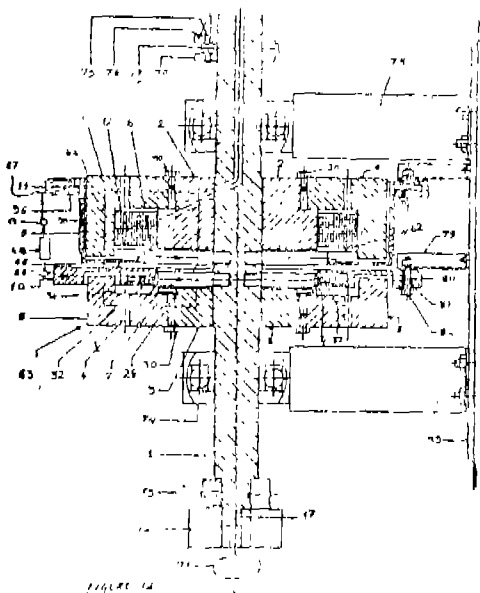
Applicant : PARAMAHAMSA TEWARI, VINODINI NIVAS, P.O. GOTE GALI 581 317, KARWAR, KARNATAKA INDIA.

Application No. 397/Bom/97 filed on August 17, 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

## 17 Claims

A high efficiency machine to generate low dc voltage and high, current comprising of inner rotors 2 and 3 mounted onto the shaft 1, an electromagnetic coil 12 mounted onto said one inner rotor 2, an inner ring 4 encircling the said another inner rotor 3, said inner rotors 2 and 3 covered with end covers 9 and 8 respectively forming an air gap 65 in-between therein, an outer ring 5 encircling the said end cover 9 covering said inner rotor 2 and accommodating said electromagnetic coil 12, one of each conductor 6 and 7 embedded one in each hole 15 provided in the said shaft 1 forming a set of two conductors 6 and 7 resting in a common cavity 29, formed by a slot 23 in said inner rotor 2 and a slot 28 in said inner rotor 3, a brush assembly 10 mounted onto said conductor 7, through said inner ring 4, and another brush assembly 11 mounted onto one end of a cylindrical part 35 of said outer ring 5, and the radial part 34 of said outer ring 5 being connected to said conductor 6 of said set of conductors.



(Compl. Specn. 17 Pages;

Drgs. 11 Sheets)

Ind. Cl. : 69 D [LIX (1)],

181685

Int. Cl. : H 01 H - 51/00

**ELECTROMAGNETIC SWITCHING MECHANISM FOR ELECTRICAL PROTECTIVE SWITCHGEAR.**

Applicants : FELTEN & GUILLEAUME ENERGIE-TECHNIK AKTIENGESELLSCHAFT, SCHANZENSTRASSE 24-30 D-51063, KOLN, GERMANY.

## Inventors :

- (1) MICHAEL BUNSEL MEYER
- (2) MARTIN CORDSEN
- (3) JOHANNES BECKER.

Application No. 436/Bom/94 filed Sep. 5, 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

## 10 Claims

Electromagnet switching mechanism for electrical protective switchgear comprising a contact carrier (14) acted on by a switch spring (24) for moving switch contacts (21), an armature (9) located on an electromagnet (12), an operating element (2a) and fixed contacts (19), characterised in that the switching mechanism is located on a mounting member (1)

and has a clamping member (4) coupled to the shaft (2) of the operating element at a distance from said shaft, said operating element being a handle (2a); said clamping member is engageable at a distance from coupling axis (A) of the clamping member (4) with a first actuating member (13) for said contact carrier (14) and with a second actuating member (10) for said armature (9); the armature comprises a lever swivelable about a swivel axis (B); said clamping member (4) has a first recess (6) provided for the first actuating member (13) and a second recess (5) provided for the second actuating members (13, 10), being moveable in said recesses (6, 5) through a given range of movement, so that said clamping member (4) is rotatable about said second actuating member (10) in contact with said electromagnet (12) within a range of movement delimited by the "on" and "off" positions of said contact carrier (14) and said first actuating member (13); wherein in the "on" position, the clamping member (4) is engaged by said second actuating member (10) under the pressure of said switch spring (24) and at the angular position of the coupling axis (A) which differs from the angular position in the switching position "off", and is rotatable out of this position about said coupling axis (A) by releasing the armature (9) from the electromagnet (12) with said first actuating member (13) moving to the "off" position, and is rotatable about said first actuating member (13), now in the "off" position, by pivoting the coupling axis (A) about said shaft (2) by bringing the armature (9) into contact with the electromagnet (12).

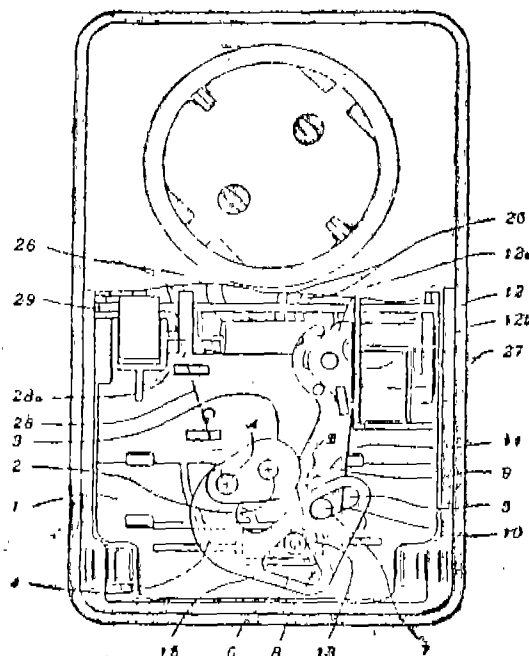


FIG. 1

(Compl. Specn. 20 Pages;

Drwgs. 6 Sheets)

Ind. Cl. : 5 X [I (1)]

181686

173 B [XXIX (2)]

Int. Cl. : B 05 B - 9/00, 17/00

**HAND BELD BATTERY OPERATED SPRAYER FOR CONTROLLED DROPLET APPLICATION IN NARROW SPRAY BANDS.**

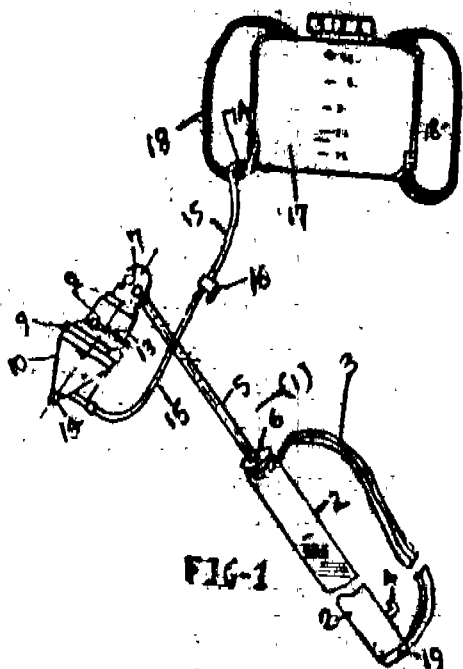
Applicant & Inventor : DILIP SHANTARAM DAHANUKAR, AN INDIAN CITIZEN, INDUSTRIAL ASSURANCE BUILDING, CHURCHGATE, BOMBAY 400 001, MAHARASHTRA, INDIA.

Application No. 441/Bom/94 filed on 06-09-97.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

## 6 Claims

Hand-held battery operated knapp sack sprayer 1 for spraying liquid with controlled droplet application in narrow spray bands along 70 deg. arc of a circle comprises of a carrying handle 2 forming a battery casing fitter with or without a shoulder strap 19, a 5-litre bottle or can 17 having an outlet 17A near its bottom and fitted with a tube 15 connected to an inlet 10A of a conical protective cover 10 through a stopper valve 16, said handle being fitted with a locking plate 6 passed through a telescopic lance 5, the other end thereof carrying a high speed battery operated plate 9 adapted to get fitted with a detachably mounted conical protective cover 10 for a conical atomizer disc 11 fitted with a conical core pointer-cum-nozzle 12 carrying a nose pin 12A forming a bearing rotating within corresponding nylon or like cup 14 fitted in axially spaced apart relationship with each other, wherein said cover 10 having a 70 degree curvilinear slot 10B on its one side and having a plurality of radially spaced apart vanes 10C and a droplet spray-strip adjuster tongue 10E forming a guide for discharge of liquid spray along a 70 degree arc of a circle through said slot 10B.



(Compl. Specn. 16 Pages)

Drwgs. 3 Sheets)

Ind. Cl. : 127 I

181687

Int. Cl. : B 06 B 1/04

## A VARIABLE FREQUENCY VARIABLE AMPLITUDE DRIVE-CUM-TUNER FOR A VIBRATORY FEEDER.

Applicant : CROMPTON GREAVES LIMITED, 1, DR. V. B. GANDHI MARG, BOMBAY-400 023, MAHARASHTRA, INDIA.

## Inventors :

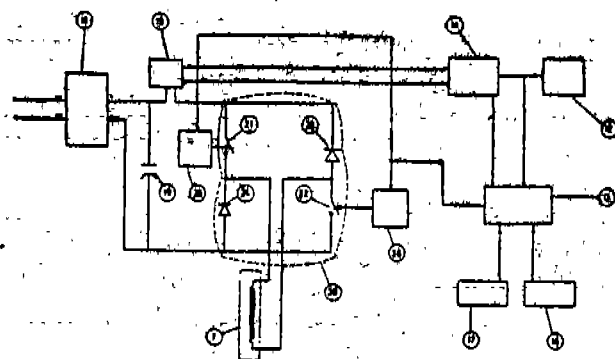
- (1) SHANTANU SHANTARAM APTE
- (2) ABHIJIT MADHUSUDAN DANDEKAR.

Application No. 579/Bom/1994 filed on Dec. 1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

## 3 Claims

A variable frequency variable amplitude drive-cum-tuner for a vibratory feeder of the type consisting of, among other features or parts, a bowl and/or a linear track provided with removable tuning weights and suspended on a base using leaf springs, an electromagnetic coil of E, U or C section of which the E, U or C section is fixed on the base and I section is fixed at the bottom of the bowl or track in spaced apart relationship with each other or vice versa, the vibratory feeder optionally including a component sensor and a component ejector air-pet actuator, said drive-cum-tuner consisting a dc powder supply connected to a control circuit-cum-pulse width modulator generator and to a short circuit and over current protection circuit, a current sensor connected to the short circuit and over current protection circuit, a frequency variable means and an amplitude variable means connected to the control circuit-cum-pulse width modulator generator, the short circuit and over current protection circuit being connected to the control circuit-cum-pulse width modulator generator, a full wave bridge rectifier connected across a single phase ac mains and to the current sensor, a filter capacitor connected across the bridge rectifier and a chopper circuit connected across the bridge rectifier through the current sensor and consisting of a pair of semiconductor switches forming one pair of opposite arms thereof and a pair of semiconductor switch drives connected to the control circuit-cum-pulse width modulator generator and to the semiconductor switches, the E, U or C section being connected to the junction between the pairs of arms of the chopper circuit.



(Compl. Specn. 14 Pages)

Drwgs. 5 Sheets)

Ind. Cl. : 64 B3 Gr. [LVIII (1)]

181688

Int. Cl. : H 05 K-7/10

## INSERTABLE CARD FOR ELECTRONIC DATA PROCESSING APPLIANCES AND METHOD OF MANUFACTURING SAME.

Applicant : ITT CANNON GmbH, OF CANNON'S TRASSE 1, D-71384, WEINSTADT, GERMANY, A GERMAN COMPANY.

## Inventors :

- (1) JURGEN FROMMER
- (2) ROLAND ETZKORN
- (3) MANFRED ILLG
- (4) MICHAEL DUANE BAGINY

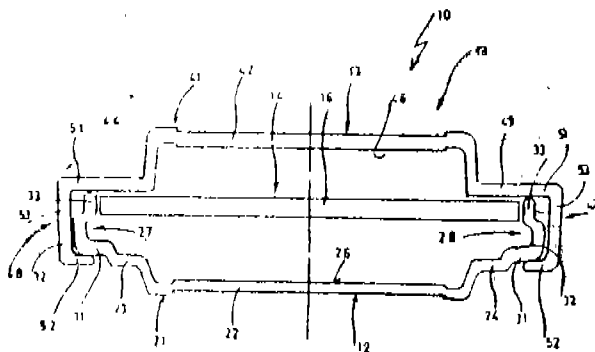
Patent Application No. : 82/Bom/95 filed on 20-02-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

## 09 Claims

Insertable card (10) for electronic data processing appliances in a flat, elongate, approximately rectangular form, having a housing (11) at least one printed circuit (16) and at least one plug-in connector (17, 18) provided on one transverse side, characterised in that, the housing

(11) has two housing parts (12, 13) consisting of thin sheet metal and formed as half-shells, in that the one housing part (12, 13) is formed to receive with positive locking the printed circuit(s) (16) equipped with at least one plug-in connector (17, 18), and in that the two housing parts (12, 13) in the form of half-shells are provided with longitudinal side walls (27, 28; 47, 48) so formed that the longitudinal side walls (47, 18) of one of the housing parts (13) engage in a snap fit around the longitudinal side walls (27, 28) of the other housing part (12).



(Comp. Specn. : 14 pages;

Drgs. : 5 sheets)

Ind. Cl. : 156 D Gr. [XLVII (3)]

181689

Int. Cl. : E 03 B—5/02, 5/04, F 15 B—1/047

#### IMPROVEMENTS IN PUMPING SYSTEM FOR DRAWING LIQUID AT A HIGHER LEVEL OR AT A DISTANCE.

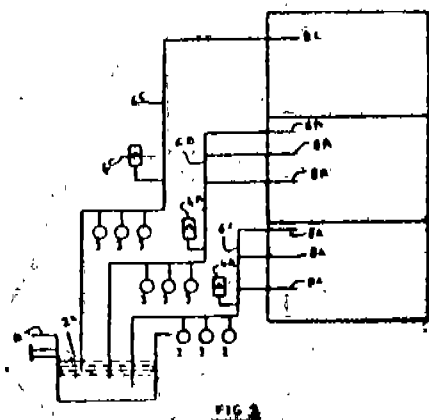
Applicants & Inventors : ARVIND GOVIND NARSAPUR & VIJAY ARVIND NARSAPUR BOTH INDIAN NATIONALS, AT 11, TOPAZ SOCIETY, NEAR JAIN BOARDING SHIVAJI NAGAR, PUNE-411 016, MAHARASHTRA, INDIA.

Patent Application No. : 96/Bom/95 filed on 06-03-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

#### 02 Claims

A pumping system for drawing liquid at a higher level or at a distance from a reservoir comprising a pipeline, one end being immersed into a reservoir containing flowing liquid and other end consisting of plurality of outlets; at least one electrically operated pump member provided with the said pipeline near its end immersed into the reservoir; and a hydropneumatic tank containing partly air and partly water is provided with the said pipeline between the outlets and the said pump; characterised in that a diaphragm made of impervious elastic material is provided in the said hydropneumatic tank to separate air and water surface.



(Comp. Specn. : 17 pages;

Drgs. : 3 sheets)

Ind. Cl. : 182 C [XVII]

181690

Int. Cl. : C 10 L—5/44, 9/02

#### A PROCESS FOR PRESERVING HEAT VALUE AND FIBRE CONTENT OF BAGASSE.

Applicant & Inventor : VISHNUKUMAR MAHADEO KULKARNI, N22, INDRANAGARI, DAHANUKAR COLONY, PUNE-411 029, MAHARASHTRA, INDIA.

Application No. : 100/Bom/95 filed on March 7, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

#### 1 Claim

A process of preparing chemical composition for preserving heat value and fibre content of bagasse comprising initially taking 10 to 30 parts of water in a vessel having suitable stirring arrangement, the said water is optionally heated and to which there is added (a) 10 to 30 parts of organo sulfur compounds such as carbamates of Na or K like methylene bis thiocyanate or isothiazolin and the like, 5 to 25 parts of chlorinated phenolics such as dichlorophenolate or pentachlorophenolate and/or (b) 15 to 40 parts of quaternary ammonium compound such as Benzyl alkonium chloride or citramide and the like, further additional water is added to make a 100 parts of sprayable medium.

(Compl. Specn. : 4 pages;

Drgs. : Nil)

#### RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of patent No. 176576 dated the 6th September, 1991 made by ECP Enichem Polimeri S.R.L. on the 2nd December 1997 and notified in the Gazette of India, Part III, Section 2 dated 7th March, 1998 has been allowed and the said Patent restored.

#### RENEWAL FEES PAID

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## PATENT SEALED ON 31-07-98

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CAJ - 07, DEL - 02, MUM - 01, CHEN - 24.

\*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D Drug Patents

F Food Patents

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 174310, Flex Engineering Ltd., M-32, Commercial Complex, Greater Kailash II, New Delhi 110048, India, "MACHINE FOR FORMING FILLING & SEALING POUCHES", 16th July 1997.

Class 1. No. 174326, Titan Industries Ltd., whose address is Golden Enclave, Tower A, Airport Road, Bangalore 560017, Karnataka, India, "WATCH", 17th July 1997.

Class 1. No. 174336, Hawkins Cookers Ltd., Maker Tower, F 101 Cuffe Parade, Mumbai 400005, Maharashtra, India, an Indian company, "PAN WITH LTD", 21st July 1997.

Class 1. No. 174336, Hawkins Cookers Ltd., Maker Tower, F 101 Cuffe Parade, Mumbai 400005, Maharashtra, India, an Indian company, "PAN WITH-OUT LTD", 21st July 1997.

Class 1. Nos. 174383 & 174384, Deepak Gulati & Kamlesh Gulati, Indian partners of Gulati Auto Electricals, an Indian partnership firm of A-21/16, Naraina Ind. Area, Phase II, New Delhi 110028, India, "CABLE LOCK", 24th July 1997.

Class 1. No. 174385, Precimet Diamonds (India) Ltd., of 1106, Panchratna, Mama, Paramanand Marg, Opera House, Mumbai 400004, Maharashtra, India, Indian Company, "WRIST WATCH" 24th July 1997.

Class 1. No. 174392, Hall Mark Irrigation Equipments Pvt. Ltd., an Indian company of 62B, Alipore Road, Calcutta-27, W. Bengal, India, "PIPE LEAK PROOF COUPLING", 25th July 1997.

Class 1. No. 174397, Summer King Electricals Pvt. Ltd., at E 183, Kavi Nagar Industrial Area, Ghaziabad, U.P., India, "DESERT COOLER", 28th July 1997.

Class 1 No. 174382, Sanjeev Khosla and Aarti Khosla of S 158, Greater Kailash Part II, New Delhi 110048, India, both Indians, "TWIN BEAM HEAD LIGHT ON CIRCULAR MOUNTING", 24th July 1997.

Class 3. No. 174381, Sanjeev Khosla and Aarti Khosla of S 158, Greater Kailash Part II, New Delhi 110048, India, both Indians, "HEAD SIGNAL LAMP", 24th July 1997.

Class 3. No. 174306 C & M Poultry Services of C & M House, N. D. Patel Road, Nasik 422001, Maharashtra, India, Indian partnership firm whose partners are Elias Marshal D'Souza, Richard Marshal D'Souza, Richard Marshal D'Souza all Indian nationals of above address, "CHICK DRINKER", 15th July 1997.

Class 3. No. 174307, C & M Poultry Services of C & M House, N. D. Patel Road, Nasikk 422001, Maharashtra, India, Indian partnership firm whose partners are Elias Marshal D'Souza, Richard Marshal D'Souza, Richard Marshal D'Souza all Indian nationals of above address, "POULTRY FEEDER", 15th July 1997.

Class 3. No. 174311, Sunstar Lubricants Ltd. of Suite 2, 10 Hailey Road, New Delhi 110001, India, an Indian Company, "BOTTLE", 16th July 1997.

Class 3. Nos. 174314 & 174315, A K Technical Laboratory Inc., a Japanese company of 4963-3, Ohazaminamijo, Sakakimachi, Hanishina-Gun, Nagano-ken, Japan, "BOTTLE FOR PACKAGING", 17th July 1997.

Class 3. No. 175316, M/s. Patel Appliances (India) a regd. partnership firm at C/o Mahesh N. Patel, B/8, Patel Society, Nehru Road, Vile Parle (E), Mumbai 400057, Maharashtra, India, "GAS LIGHTER", 17th December 1997.

Class 3. No. 174323, MRF Limited, 124, Greaves Road, Madras 600006, Tamilnadu, India, "PRECURED TREAD RUBBER" 17th July 1997.

Class 3. No. 174324, Deepak Gupta, Indian proprietor of Deepak Engg. Works, an Indian national firm of B 11, Laxman Park, Chander Nagar, Delhi 110051, India, "DOUGH MAKER", 17th July 1997.

Class 3. No. 174335, Soehnle-Waagen GmbH + Co., a German Company existing under the laws of Germany, of Fornsbacher Strasse 27-35, D-71540, Murrhardt, Germany, "WEIGHING SCALE", 21st July 1997.

Class 3. No. 174343, Freemans Measures Ltd., of G. T. Road, Jugiana Ludhiana 141120, an Indian company, "TIRE KEY CHAIN TAPE", 22nd July 1997.

Class 3. No. 174344, Freemans Measures Ltd., of G. T. Road, Jugiana Ludhiana 141120, an Indian company, "CENTIFIX TAPE", 22nd July 1997.

Class 3. No. 174345, Freemans Measures Ltd., of G. T. Road, Jugiana Ludhiana 141120, an Indian company, "OPEN REEL TAPE", 22nd July 1997.

Class 3. No. 174346. Saraswat Enterprises of 464, Neta Nagar, Kydganj, Allahabad, U.P., an Indian Company, "CASSPITE FOR OPTICAL FIBRE", 22nd July 1997.

Class 3. No. 174347. Saraswat Enterprises of 464, Neta Nagar, Kydganj, Allahabad, U. P., an Indian Company, "END CAP FOR OPTICAL FIBRE CABLE JOINT CLOSURE", 22nd July 1997.

Class 3. Nos. 174353 & 174354. Smithkline Beecham P.L.C., a British company of New Horizons Court, Brentford, Middlesex TW8 9EP, England, "BOTTLE", 28th January 1997 (Reciprocity date).

Class 3. Nos. 174359 to 174361, Today's Writing Instruments Pvt. Ltd., an Indian company of 104/3, Demni Road, Dadra 396220, Dadra Nagar Haveli, Union Territory, India, "BALL POINT PEN", 23rd July 1997.

Class 3. No. 174368, Dart Industries Inc., a corporation founded under the laws of Delaware, U.S.A. of 14901 South Orange Blossom Trail, Orlando, Florida 32837, U.S.A., "CAN", 23rd July 1997.

Class 3. No. 174369 to 174373, Dart Industries Inc., a corporation founded under the laws of Delaware, U.S.A. of 14901 South Orange Blossom Trail, Orlando, Florida 32837, U.S.A., "CONTAINER", 23rd July 1997.

Class 3. No. 174374, 1. Mr. Mohan Lal Agrawal, Indian, F 64, Phase I, Ashok Vihar, Delhi 52 & 2. Mr. Ved Prakash, Indian, 56 Engineering Enclave, Pritam Pura, Delhi 110034, "SUIT CASE", 23rd July 1997.

Class 3. Nos. 174375 & 174376, Nilkamal Plastics Ltd., of Plot No. 971-1A, Sinnar Taluka Ind. Co-operative Estate, Sinnar Shirdi Road, Sinnar 422103, Maharashtra, India, Indian company, "CHAIR", 23rd July 1997.

#### Copyright Extended for the 2nd Period of Five Years

Class 1. Nos. 168324, 170897, 164128, 164126, 165277, 164549, 164550, 170318, 170317, 166499, 169534, 169564, 168411, 165942, 165940, 165938, 164893, 164892, 163685, 164688.

Class 3. Nos. 167515, 164200, 165255, 165359, 165996, 172236, 172235, 171590, 171263, 168830, 174350, 174349, 169881, 169884, 165761, 165736, 165592, 165593.

Class 10. Nos. 169238, 169323, 169324, 169322, 168252, 166781, 164682, 164105, 167992, 168257, 166515, 165584, 165367, 165388, 168254, 169074, 169675.

Class 4. Nos. 171556, 171555, 172850, 170760, 168326, 168327, 165568, 163132, 163133, 174253, 174254, 169342, 165342.

#### Copyright Extended for the 3rd Period of Five Years

Class 1. Nos. 160116, 159956, 159955, 159772, 159771, 159770, 159387, 159386, 159385, 157683, 168501, 164150, 169600, 159384, 169760, 165369, 172763, 172762, 164626, 156098, 169673, 171388, 170388, 159242, 159243.

H. D. THAKUR

Controller General of Patent, Design & Trade Marks

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PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD  
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1998